## INTERNATIONAL SEARCH REPORT

pational Application No PCT/IB 03/05770

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IPC 7	G11B7/085							
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B. FIELDS SEARCHED								
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Electronic	data base consulted during the International search (name of data	base and, where practical, search terms used	t)					
EPO-In	nternal, PAJ							
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to daim No.					
A	EP 0 862 169 A (FUJITSU LTD) 2 September 1998 (1998-09-02) page 5, column 8, line 6 - page 36, line 40; figures	19, column	1-19					
А	EP 1 043 715 A (FUJITSU LTD) 11 October 2000 (2000-10-11)		6-10,					
	page 9, line 34 - page 33, line figures	18;						
Α	EP 0 938 083 A (FUJITSU LTD) 25 August 1999 (1999-08-25)		6-10,					
	page 3, column 4, line 48 - page 14, line 24; figures	e 8, column	17-19					
		-/						
	her documents are listed in the continuation of box C.	X Patent family members are listed i	n annex.					
° Special ca	ategories of cited documents :	'T' later document published after the inte	mational filing date					
"A" docume	ent defining the general state of the art which is not dered to be of particular relevance	cited to understand the principle or the	the application but sory underlying the					
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otner	ent referring to an oral disclosure, use, exhibition or means	ments, such combination being obviou	re other such docu- us to a person skilled					
later th	ent published prior to the international filing date but han the priority date claimed		family					
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report					
2	4 May 2004	01/06/2004						
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## INTERNATIONAL SEARCH REPORT

PCT/IB 03/05770

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	101/18 03/05/70
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 442 604 A (OSADA YUTAKA) 15 August 1995 (1995-08-15) column 9, line 34 - column 13, line 10; figures	1,2,4, 6-10, 17-19
	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 07, 31 August 1995 (1995-08-31) & JP 7 093764 A (SONY CORP), 7 April 1995 (1995-04-07) abstract	1,2,4, 6-10, 17-19
		·

## INTERNATIONAL SEARCH REPORT

national	Application No
PCT/IB	Application No 03/05770

Patent document		Publication		Potent for the	T 5
cited in search report		date		Patent family member(s)	Publication date
EP 0862169	Α	02-09-1998	JP	9288830 A	04-11-1997
			EP	0862169 A1	02-09-1998
			EΡ	0867871 A1	30-09-1998
			EP	0867872 A1	30-09-1998
			CN	1163450 A ,B	29-10-1997
			DE	69606556 D1	09-03-2000
			DE	69606556 T2	24-08-2000
			DE	69606557 D1	09-03-2000
			DE	69606557 T2	24-08-2000
			DE	69607458 D1	04-05-2000
			DE	69607458 T2	14-09-2000
			DE	69614135 D1	30-08-2001
			DE	69614135 T2	21-03-2002
			EP	0803864 A2	29-10-1997
			US	5892742 A	06-04-1999
			US	5901121 A	04-05-1999
			US	5896354 A	20-04-1999
			US	5933397 A	03-08-1999
EP 1043715	Α	11-10-2000	JР	2000293866 A	20-10-2000
			EP	1043715 A2	11-10-2000
			US	6628576 B1	30-09-2003
EP 0938083	Α	25-08-1999	JP	11238236 A	31-08-1999
			EP	0938083 A2	25-08-1999
			US	6266301 B1	24-07-2001
US 5442604	Α	15-08-1995	JP	2697439 B2	14-01-1998
			JP	5151584 A	18-06-1993
			JP	2734884 B2	02-04-1998
			JP	5334696 A	17-12-1993
JP 7093764	Α	07-04-1995	NONE	· · · · · · · · · · · · · · · · · · ·	